

PTO/SB/01 (08-03)

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**☐ Declaration
Submitted
With Initial
Filing

OR

☐ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number 0502P66US03

First Named Inventor Kevin Mlazgar

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A Method and Architecture for the Extraction and/or Insertion of SONET or SDH
Path Overhead Data Streams**

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

(Page 1 of 2)

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/D1 (06-03)

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 20779		OR <input type="checkbox"/> Correspondence address below	
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Kevin		Family Name or Surname Mlazgar	
Inventor's Signature 		Date 2004/01/08	
Residence: City Vancouver	State B.C.	Country Canada	Citizenship Canadian
Mailing Address #3, 1976 W3rd Ave			
City Vancouver	State B.C.	ZIP V6J 1L1	Country Canada
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Pierre		Family Name or Surname Vaillancourt	
Inventor's Signature 		Date 8 Jan 2004	
Residence: City Vancouver	State B. C.	Country Canada	Citizenship Canadian
Mailing Address 815 Fairway Drive North			
City NORTH Vancouver	State B.C.	ZIP V7G 1Z5	Country Canada
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

(Page 2 of 2)

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PTO/SB/02A (10-00)

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Alexandre		Fortin	
Given Name		Family Name or Surname	
Inventor's Signature <i>Alexandre Fortin</i>		Date <i>09/01/2004</i>	
Laval	Quebec	Canada	Canadian
Residence: City	State	Country	Citizenship
4590 Longval, Chomedey			
Mailing Address			
Mailing Address			
Laval	Quebec	H7T 2V7	Canada
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/81 (05-03)

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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	Kevin Miazgar
Title	Method and Architecture..
Art Unit	
Examiner Name	
Attorney Docket Number	0502P66U803

I hereby appoint:

☒ Practitioners at Customer Number

20779

Place Customer
Number Bar Code
Label here

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number.Place Customer
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OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	Zip	
Country			
Telephone	Fax		

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/95).

SIGNATURE of Applicant or Assignee of Record

Name	Alan Krock Chief Financial Officer		
Signature	<i>Alan Krock</i>		
Date	January 8, 2004	Telephone	604-415-6750

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/96 (04-03)

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: PMC-Sierra, Inc.

Application No./Patent No.: _____ Filed/Issue Date: _____

Entitled: A Method and Architecture for the Extraction and/or Insertion of SONE...PMC-Sierra, Inc., a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 013724, Frame 0173, or for which a copy thereof is attached.
2) Reel 014103, Frame 0212

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

January 8, 2004
Date

604-415-6750
Telephone number

Alan Krock

Typed or printed name
Alan Krock

Signature

Chief Financial Officer
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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JUNE 11, 2003

PTAS

SHAPIRO COHEN
P.O. BOX 3440
OTTAWA, ON K1P 6P1

700033056A

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RECORDATION DATE: 06/10/2003

REEL/FRAME: 013724/0173
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MLAZGAR, KEVIN

DOC DATE: 05/13/2003

ASSIGNOR:

VAILLANCOURT, PIERRE

DOC DATE: 05/13/2003

ASSIGNOR:

FORTIN, ALEXANDRE

DOC DATE: 05/13/2003

ASSIGNEE:

PMC-SIERRA INC
3975 FREEDOM CIRCLE
SANTA CLARA, CALIFORNIA 95054

SERIAL NUMBER: 60439028
PATENT NUMBER:

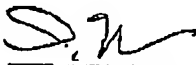
FILING DATE: 01/10/2003
ISSUE DATE:

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013724/0173 PAGE 2

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06/10/2003
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Kevin MLAZGAR Pierre VAILLANCOURT Alexandre FORTIN Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: PMC-SIERRA INC Internal Address: _____ Street Address: 3975 Freedom Circle City: Santa Clara State: CA Zip: 95054 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: 05/13/2003					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) 60/439,028 B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: SHAPIRO COHEN Internal Address: _____ Street Address: P.O. Box 3440 City: Ottawa State: ON Zip: K1P 6P1			6. Total number of applications and patents involved: <input type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed. <input checked="" type="checkbox"/> Authorized to be charged to deposit account B. Deposit account number: 16-0600		
DO NOT USE THIS SPACE					
9. Signature: <div style="display: flex; justify-content: space-between;"> Dennis R. Haszko Reg# 39 575 Name of Person Signing  Signature 10 JUN 2002 Date </div>					
Total number of pages including cover sheet, attachments, and documents: <input type="checkbox"/>					

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PMC-SIERRA, INC.
(hereinafter "PMC"), it successors, assigns and legal representatives, whose full post office address is:
3975 Freedom Circle
Santa Clara, CA., 95054
U.S.A.

all their right, title, and interest worldwide in and to the invention relating to

A METHOD AND ARCHITECTURE FOR THE EXTRACTION AND/OR INSERTION OF SONET OR SDH PATH OVERHEAD DATA STREAMS

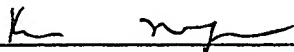
as described in an application for letters patent filed in the United States on January 10, 2003, and given Serial No. 60/439,028

as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

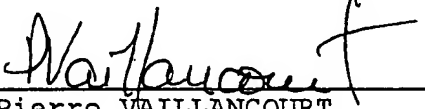
We undertake without charges to PMC but at the request and expense to execute all documents, take all oaths and do all reasonable acts to enable PMC, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to PMC, its successors, assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm of Shapiro Cohen whose full post office address is P.O. Box 3440, Station D, Ottawa, Ontario, Canada, K1P 6P12 to correct clerical errors in this Assignment or to insert any further identification or other


information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.



Kevin MLAZGAR
#3, 1976 W3rd Avenue
Vancouver, BC V6J 1L1
CANADA


Witness Signature


Pierre VAILLANCOURT
815 Fairway Drive North
Vancouver, BC V7G 1Z5
CANADA


Witness Signature


Alexandre FORTIN
4590 Longval
Chomedey Laval, QC H7T 2V7
CANADA


Witness Signature

2003/05/05
(Insert Date)

EMILY CHUNG
Witness Name (Print)

2003/05/13
(Insert Date)

JON AMES
Witness Name (Print)

24 avril 2003
(Insert Date)

DINO POZZEBON
Witness Name (Print)



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
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Washington, D.C. 20231

NOVEMBER 05, 2003

PTAS

SHAPIRO COHEN
P.O. BOX 3440
STATION D
OTTAWA, ON K1P 6P1



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RECORDATION DATE: 11/05/2003

REEL/FRAME: 014103/0212
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MLAZGAR, KEVIN

DOC DATE: 10/08/2003

ASSIGNOR:

VAILLANCOURT, PIERRE

DOC DATE: 10/22/2003

ASSIGNOR:

FORTING, ALEXANDRE

DOC DATE: 09/25/2003

ASSIGNEE:

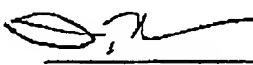
PMC-SIERRA INC.
3975 FREEDOM CIRCLE
SANTA CLARA, CALIFORNIA 95054

SERIAL NUMBER: 60490593
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

014103/0212 PAGE 2

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Kevin Miazgar Pierre Vallancourt Alexandre Forting Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <u>PMC-SIERRA, INC.</u> Internal Address: _____ _____ Street Address: <u>3975 Freedom Circle</u> _____ City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95054</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other, _____ Execution Date: <u>Sep 25/03; Oct 8/03; Oct 22/03</u>					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>60/490,593</u> _____ B. Patent No.(s) _____ _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>SHAPIRO COHEN</u> Internal Address: _____ _____ Street Address: <u>P.O. Box 3440</u> Station D City: <u>Ottawa</u> State: <u>ON</u> Zip: <u>K1P 6P1</u>			6. Total number of applications and patents involved: <input type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>16-0600</u>		
DO NOT USE THIS SPACE					
9. Signature. Dennis R. Haszko Reg. 39 575 Name of Person Signing  Signature 01 NOV 2003 Date Total number of pages including cover sheet, attachments, and documents: <input type="checkbox"/> <small>Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignment Washington, D.C. 20231</small>					

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FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, we the undersigned, whose full post office address is listed below my name, do hereby sell, assign and transfer to:

PMC-SIERRA, INC.

(hereinafter "PMC"), its successors, assigns and legal representatives, whose full post office address is:

3975 Freedom Circle
Santa Clara, CA., 95054
U.S.A.

all their right, title, and interest worldwide in and to the invention relating to

**A Method and Architecture for the Extraction and/or Insertion
of SONET or SDH Path Overhead Data Streams**


as described in an application for letters patent filed in the United States on July 29, 2003, and given Serial No. 60/490,539

as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

We undertake without charges to PMC but at the request and expense to execute all documents, take all oaths and do all reasonable acts to enable PMC, its successors, assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to PMC, its successors, assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm of Shapiro Cohen whose full post office address is P.O. Box 3440, Station D, Ottawa, Ontario, Canada, K1P 6P1 to correct clerical errors in this Assignment or to insert any further identification or other

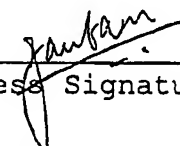
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Kevin Mlazgar
1976 W3rd Ave # 3,
Vancouver, BC
Canada

2003/10/08

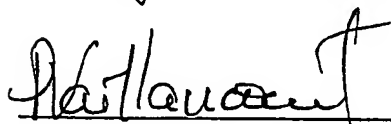
(Date)



Witness Signature

GAUTAM MEHANDRU

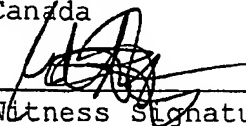
Witness Name (Print)



Pierre Vaillancourt
815 Fairway Drive North
Vancouver, BC
Canada

Oct 22nd 2003.

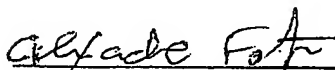
(Date)



Witness Signature

Paul Hartley

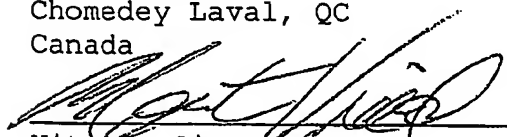
Witness Name (Print)



Alexandre Fortin
4590 Longval,
Chomedey Laval, QC
Canada

September 25, 2003

(Date)



Witness Signature

MARTIN VIDAL

Witness Name (Print)